

In the Claims

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

1-5. (Cancelled)

6. (Currently Amended) An isolated protein encoded by an isolated nucleic acid molecule selected from the group consisting of: SEQ ID NOs: 1, 2, 3, 4 and 5.

~~(a) nucleic acid molecules which encode a cancer antigen that stimulates an immune response, and which comprise a nucleotide sequence, the complementary sequence of which hybridizes, under stringent conditions, to at least one second nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of the nucleotide sequences set forth as SEQ ID NOs: 1, 2, 3, 4, and 5,~~

~~wherein the stringent conditions are 18 hours of hybridization at 65°C in 3.5x SSC, 1x Denhardt's solution [25 mM sodium phosphate buffer (pH 7.0), 0.5% SDS, 2mM EDTA], followed by four one hour washes at 65°C in 2x SSC, 0.1% SDS, and a final 30 minute wash in 0.1x SSC, 0.1% SDS.~~

7-36. (Cancelled)

2 37. (Currently Amended) A composition of matter ~~useful in stimulating an immune response to at least one protein encoded by at least one nucleic acid molecule comprising a protein encoded by a nucleic acid molecule selected from the group consisting of a nucleotide sequence set forth in SEQ ID NO: 1, 2, 3, 4 and or 5, said composition comprising a plurality of immunogenic peptides derived from the amino acid sequence of at least one of the said proteins, wherein said peptides bind to one or more MHC molecules presented on the surface of cells.~~

38. (Cancelled)

3 ~~39.~~ (Currently Amended) The composition of matter of claim ~~37~~ 38, further comprising an adjuvant.

4 ~~40.~~ (Original) The composition of matter of claim 39, wherein said adjuvant is a saponin, GM-CSF, or an interleukin.

41-56. (Cancelled)

5 ~~57.~~ (Currently Amended) The isolated protein of claim 6, wherein the isolated nucleic acid molecule consists of ~~comprises~~ SEQ ID NO:1.

6 ~~58.~~ (Currently Amended) The isolated protein of claim 6, wherein the isolated nucleic acid molecule consists of ~~comprises~~ SEQ ID NO:2.

7 ~~59.~~ (Currently Amended) The isolated protein of claim 6, wherein the isolated nucleic acid molecule consists of ~~comprises~~ SEQ ID NO:3.

8 ~~60.~~ (Currently Amended) The isolated protein of claim 6, wherein the isolated nucleic acid molecule consists of ~~comprises~~ SEQ ID NO:4.

9 ~~61.~~ (Currently Amended) The isolated protein of claim 6, wherein the isolated nucleic acid molecule consists of ~~comprises~~ SEQ ID NO:5.

10 ~~62.~~ (Currently Amended) The composition of matter of claim 37, wherein the ~~at least one~~ nucleic acid molecule consists of ~~comprises~~ the nucleotide sequence set forth in SEQ ID NO:1.

11 ~~63.~~ (Currently Amended) The composition of matter of claim 37, wherein the ~~at least one~~ nucleic acid molecule consists of ~~comprises~~ the nucleotide sequence set forth in SEQ ID NO:2.

12 ~~64.~~ (Currently Amended) The composition of matter of claim 37, wherein the ~~at least one~~ nucleic acid molecule consists of ~~comprises~~ the nucleotide sequence set forth in SEQ ID NO:3.

13/65. (Currently Amended) The composition of matter of claim 37, wherein the ~~at least one~~
nucleic acid molecule consists of ~~comprises~~ the nucleotide sequence set forth in SEQ ID NO:4.

14/66. (Currently Amended) The composition of matter of claim 37, wherein the ~~at least one~~
nucleic acid molecule consists of ~~comprises~~ the nucleotide sequence set forth in SEQ ID NO:5.

67. (Cancelled)